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Subject: EvtGen vertex coordinates in mm?

Posted by [Oscar Reinecke](#) on Tue, 18 Nov 2008 12:05:55 GMT

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Hi everyone

According to evt.pdl in pandaroot/pgenerators/EvtGen and EvtGenBase/EvtPDL.cc (that reads evt.pdl), all vertex coordinates are produced in mm since particle lifetimes in evt.pdl are given in mm/c.

However, Pandaroot uses cm consistently (so I've heard) and indeed, as far as I've tracked how vertex coordinates are processed, conversion to cm never takes place.

So if I'm correct, could someone please modify, for instance, CbmEvtGenGenerator.cxx? (does anyone actually use EvtGen because nobody ever mentioned that before)

anyway best regards

oscar

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